

EFD-6.0

Electronic Flight Display 6.0

Made In Indonesia



FAST



SLOW



An avionic instrument used as navigation display of Boeing 737-200 and C-130 Hercules aircraft with two display modes: Electronic Attitude Direction Indicator (EADI) and Electronic Horizontal Situation Indicator (EHSI).

EFD-6.0 has passed airworthiness certification by Air Force Flight and Work Security Service (Dislambangja TNI AU).

FEATURES:

1. EADI MODE

- Marker Beacon Indicator
- Pitch Indicator
- Roll Indicator
- Lateral Deviation Indicator
- Decision Height Indicator
- Flight Director Indicator
- Glideslope Indicator
- Radio Altitude Indicator
- Reversionary Mode
- NVIS Mode

2. EHSI MODE

- Heading Indicator
- Distance To Waypoint Indicator
- DME Distance Indicator
- Course/Desired Track to NAV1 NAV2
- Heading Selected Indicator
- Bearing 1, Bearing 2 Indicator
- Lateral Deviation Indicator
- Glideslope Indicator
- TCAS Indicator

3. Full color, High resolution Active Matrix VGA Displays

4. Brightness Adjustment

5. Excellent sunlight readability

6. Wide horizontal viewing angle ($\pm 60^\circ$)

7. Solid-state design

9. Continuous Self-Monitoring Built-In-Test (BIT)

SPECIFICATIONS

Aircraft Type	
Type	: Boeing 737-200; C-130 Hercules
Physical Data	
Length	: 246.27 mm
Width	: 131.47 mm
Height	: 131.47 mm
Weight	: 3.22 Kg
Embedded	
Processor	: NVIDIA Tegra 3 quad-core Cortex-A9
Controller	: ARM Cortex-M4 FPGA Spartan 6XC6SLX45 FPGA Spartan 3A XC3S200
Communication	: ARINC-561, ARINC-429, ANALOG, DISCRETE
Power	
Power Supply	: +28 VDC
Power Consumption	: 35 Watt Max
Display	
Size	: 4.3"L x 4.3"W, 6" Diagonally (view area)
Resolution	: 600 x 600 pixel
Ratio	: 1:1
Display Mode	: EADI, EHSI
Environment	
Operating Temperature	: -10° to +70° C (operation)
Non-Operating Temperature	: -10° to +85° C (storage)
Vibration	: 6 g

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